

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	equaliz\$5 and synchroniz\$5 with symbol adj tim\$3 with symbol adj pattern\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/17 19:02
S2	0	detect\$3 adj circuit and equalizat\$3 and pilot adj symbol with generat\$3 with synchroniz\$5 and weight	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/17 19:07
S3	0	detect\$3 adj circuit and equalizat\$3 and pilot adj symbol with generat\$3 with synchroniz\$5 and weight with controller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/17 19:07
S4	9	symbol with periodical\$3 with transmi\$6 adj signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/17 19:08
S5	4	symbol with periodical\$3 with transmi\$6 adj signal and symbol with synchroniz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/17 19:12
S6	1	("5742798").PN.	USPAT; USOCR	OR	OFF	2005/05/17 19:15
S7	125	(symbol and frame) with synchroniz\$5 and pilot with (generat\$3)	USPAT	OR	OFF	2005/05/17 19:17
S8	58	(symbol and frame) with synchroniz\$5 and pilot with (generat\$3) and equaliz\$4	USPAT	OR	OFF	2005/05/17 19:17
S9	53	(symbol and frame) with synchroniz\$5 and pilot with (generat\$3) and equaliz\$4 and symbol with generat\$3	USPAT	OR	OFF	2005/05/17 19:17
S10	50	(symbol and frame) with synchroniz\$5 and pilot with (generat\$3) and equaliz\$4 and symbol with generat\$3 and error with (correct\$3 or calculat\$3)	USPAT	OR	OFF	2005/05/17 19:18

Search History 5/31/2005 8:07:15 PM Page 1  
C:\Documents and Settings\Wong\My Documents\EAST\Workspaces\1.wsp

S11	27	(symbol and frame) with synchroniz\$5 and pilot with (generat\$3) and equaliz\$4 and symbol with generat\$3 and error with (correct\$3 or calculat\$3) and weight	USPAT	OR	OFF	2005/05/17 19:19
S12	52	(symbol and frame) with synchroniz\$5 and pilot with (generat\$3) same (pilot with symbol)	USPAT	OR	OFF	2005/05/17 19:19
S13	14	(symbol and frame) with synchroniz\$5 and pilot with (generat\$3) same (pilot with symbol with (detect\$3 or extract\$3 or remov\$3))	USPAT	OR	OFF	2005/05/17 19:20
S14	227	pilot with symbol and symbol with synchroniz\$5 and equaliz\$5 and symbol with generat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 17:12
S15	24755	pilot with symbol and symbol with synchroniz\$5 and equaliz\$5 with weight\$3 and symbol with generat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 17:13
S16	60	pilot with symbol and symbol with synchroniz\$5 and equaliz\$5 with weight\$3 and symbol with generat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 17:13
S17	36	pilot with symbol and symbol with synchroniz\$5 and equaliz\$5 with weight\$3 and symbol with generat\$3 and error adj4 (calculat\$3 or detect\$4 or measur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 18:17
S18	5	(detect\$3) with (symbol or pilot adj code) with (transmi\$5 adj signal) and symbol with synchroniz\$5 and equaliz\$5 with weight\$3 and symbol with generat\$3 and error adj4 (calculat\$3 or detect\$4 or measur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 18:19

Search History 5/31/2005 8:07:15 PM Page 2  
C:\Documents and Settings\Wong\My Documents\EAST\Workspaces\1.wsp

S19	5	(detect\$3) with (symbol or pilot adj code) with (transmi\$5 adj signal) and (symbol or pattern or symbol adj pattern) with synchroniz\$5 and equaliz\$5 with weight\$3 and symbol with generat\$3 and error adj4 (calculat\$3 or detect\$4 or measur\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 18:18
S20	5	(detect\$3) with (symbol or pilot adj code) with (transmi\$5 adj signal) and symbol with synchroniz\$5 and equaliz\$5 with weight\$3 and symbol with generat\$3 and (calculat\$3 or detect\$4 or measur\$3) with (error) with (subtract\$3) with (equaliz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 18:21
S21	6	("M" adj1 array with (QAM or quadrature adj amplitude adj modulation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 18:23
S22	0	("M" adj1 array with (QAM or quadrature adj amplitude adj modulation)) and (symbol or pattern or symbol adj pattern) with (synchroniz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 18:22
S23	89	(equalizer or equalization) same pilot adj symbol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 18:25
S24	13	(equalizer or equalization) same pilot adj symbol and weight\$3 with (interval\$3 or period\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 18:30
S25	3	(equalizer or equalization) and (detect\$3 or extract\$3) with pilot adj symbol and (detect\$3 or extract\$3 or measur\$3 or calculat\$3) with symbol adj pattern and weight\$3 with (interval\$3 or period\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 18:32

Search History 5/31/2005 8:07:15 PM Page 3  
C:\Documents and Settings\Wong\My Documents\EAST\Workspaces\1.wsp

S26	3	(equaliz\$5) and (detect\$3 or extract\$3) with pilot adj symbol and (detect\$3 or extract\$3 or measur\$3 or calculat\$3) with symbol adj pattern and weight\$3 with (interval\$3 or period\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 18:33
S27	61	(equaliz\$5) and (detect\$3 or extract\$3) with pilot adj symbol and symbol adj pattern and weight\$3 with (interval\$3 or period\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 18:33
S28	3	(equaliz\$5) and (detect\$3 or extract\$3) with pilot adj symbol and symbol adj pattern and weight\$3 with (interval\$3 or period\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 18:33
S29	3	(equaliz\$5) and (detect\$3 or extract\$3) with pilot adj symbol and symbol adj6 pattern and weight\$3 with (interval\$3 or period\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 18:33
S30	3	(equaliz\$5) and (detect\$3 or extract\$3) with pilot adj symbol and symbol near5 pattern and weight\$3 with (interval\$3 or period\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 18:34
S31	4	(equaliz\$5) and (detect\$3 or extract\$3) with pilot adj symbol and symbol with pattern and weight\$3 with (interval\$3 or period\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 18:34
S32	11	(equaliz\$5) and (detect\$3 or extract\$3) with pilot adj symbol and (frame\$4 or symbol) near7 synchroniz\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 18:39
S33	11	(equaliz\$5) and (detect\$3 or extract\$3) with pilot adj symbol and (fram\$4 or symbol) near7 synchroniz\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 18:43

Search History 5/31/2005 8:07:15 PM Page 4  
C:\Documents and Settings\Wong\My Documents\EAST\Workspaces\1.wsp

S34	4	(equaliz\$5) and (detect\$3 or extract\$3) with pilot adj symbol and (reproduc\$3 or replicat\$3) with (symbol adj pattern or symbol or pattern)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 18:46
S35	3	(equaliz\$5) and (detect\$3 or extract\$3) with pilot adj symbol and (reproduc\$3 or replicat\$3) with (symbol adj pattern or pattern)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 18:47
S36	7	(equaliz\$5) and (detect\$3 or extract\$3) with pilot adj symbol and (reproduc\$3 or replicat\$3 or repeat\$3) with (symbol adj pattern or pattern)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 18:51
S37	172	(equaliz\$5) and (detect\$3 or extract\$3) adj9 (pilot adj symbol or symbol) and (reproduc\$3 or replicat\$3 or repeat\$3) with (symbol adj pattern or pattern)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 18:51
S38	6	(equaliz\$5) and (detect\$3 or extract\$3) adj9 (pilot adj symbol or symbol) and (reproduc\$3 or replicat\$3 or repeat\$3) with (symbol adj pattern or pattern) and (interval or tim\$3 or period) with (weight\$4) with (symbol or pattern or symbol adj pattern)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/18 18:52
S39	386	(detect\$3 or extract\$3) with pilot or symbol or pilot adj symbol and (pattern adj symbol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 09:57
S40	0	(detect\$3 or extract\$3) with (pilot or symbol or pilot adj symbol) and (pattern adj symbol) and equaliz\$4 and symbol with (generat\$3) with subtract\$4 with equaliz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 09:53
S41	0	(detect\$3 or extract\$3) with (pilot or symbol or pilot adj symbol) and (pattern adj symbol) and equaliz\$4 and symbol with (generat\$3) with subtract\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 09:54

Search History 5/31/2005 8:07:15 PM Page 5  
C:\Documents and Settings\Wong\My Documents\EAST\Workspaces\1.wsp

S42	0	(detect\$3 or extract\$3) with (pilot or symbol or pilot adj symbol) and (pattern adj symbol) and equaliz\$4 and symbol with (generat\$5) with subtract\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 09:54
S43	0	(detect\$3 or extract\$3) with (pilot or symbol or pilot adj symbol) and (pattern adj symbol) and equaliz\$4 and symbol with (generat\$5) with error with (calculat\$3 or measur\$4 or estimat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 09:55
S44	0	(detect\$3 or extract\$3) with (pilot or symbol or pilot adj symbol) and (pattern adj symbol) and equaliz\$7 and symbol with (generat\$5) with error with (calculat\$3 or measur\$4 or estimat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 09:55
S45	2	(detect\$3 or extract\$3) with (pilot or symbol or pilot adj symbol) and (pattern adj symbol) and symbol with (generat\$5) with error with (calculat\$3 or measur\$4 or estimat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 09:57
S46	0	(detect\$3 or extract\$3) with (pilot or symbol or pilot adj symbol) and (pattern adj symbol) and equaliz\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 09:57
S47	0	(detect\$3 or extract\$3) with (pilot or symbol or pilot adj symbol) and (pattern adj symbol) and equaliz\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 09:57
S48	59	(detect\$3 or extract\$3) with (pilot or symbol or pilot adj symbol) and (pattern adj symbol) and equaliz\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 09:57
S49	41	(detect\$3 or extract\$3) with (pilot or symbol or pilot adj symbol) and (pattern adj symbol) and equaliz\$6 and error with (calculat\$3 or measur\$4 or estimat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 09:58

Search History 5/31/2005 8:07:15 PM Page 6  
C:\Documents and Settings\Wong\My Documents\EAST\Workspaces\1.wsp

S50	37	(detect\$3 or extract\$3) with (pilot or symbol or pilot adj symbol) and (pattern adj symbol) and equaliz\$6 and error with (calculat\$3 or measur\$4 or estimat\$3) and symbol with generat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 10:01
S51	0	(detect\$3 or extract\$3) with (pilot or symbol or pilot adj symbol) and (pattern adj symbol) and equaliz\$6 and error with (calculat\$3 or measur\$4 or estimat\$3) and symbol adj5 generat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 09:58
S52	29051	(equaliz\$6 and receiver).AB\.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 10:02
S53	3440	(equaliz\$6 and receiver).AB.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 10:02
S54	654	(equaliz\$6 and receiver).TI.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 10:02
S55	42	(equaliz\$6 and receiver).TI. and (frame or symbol) near6 synchroniz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 10:07
S56	0	(equaliz\$6 with receiver with pilot adj insert\$5).AB. and (frame or symbol) near6 synchroniz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 10:08
S57	0	(equaliz\$6 with receiver with pilot adj insert\$5).AB.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 10:08

Search History 5/31/2005 8:07:15 PM Page 7  
C:\Documents and Settings\Wong\My Documents\EAST\Workspaces\1.wsp

S58	1	(equaliz\$6 with receiver with pilot adj insert\$5).AB.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 10:08
S59	3	(equaliz\$6 with receiver with symbol with insert\$4).AB.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 10:09
S60	135	(equaliz\$6 with receiver with modulat\$5).AB.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 10:42
S61	128	train\$3 adj (sequence or signal) same equaliz\$4 and error with (calculat\$3 or measur\$3 or estimat\$3) and (weight\$3 or coefficient\$3) with (updat\$3 or correct\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 14:31
S62	418	(375/229-236).CCLS. and train\$3 adj (sequence or signal) with equaliz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 14:32
S63	362	(375/229-236).CCLS. and train\$3 adj (sequence or signal) with equaliz\$5 and error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 14:33
S64	25	(375/229-236).CCLS. and train\$3 adj (sequence or signal) with equaliz\$5 and error and updat\$3 with weight	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 14:33
S65	63	(375/229-236).CCLS. and train\$3 adj (sequence or signal) with equaliz\$5 and error and updat\$3 with weight\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 17:48

Search History 5/31/2005 8:07:15 PM Page 8  
C:\Documents and Settings\Wong\My Documents\EAST\Workspaces\1.wsp

S66	0	(375/229-236).CCLS. and train\$3 adj (sequence or signal) with equaliz\$5 and error and updat\$3 with weight\$3 and symbol adj pattern	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 17:48
S67	0	(375/229-236).CCLS. and train\$3 adj (sequence or signal) with equaliz\$5 and error and updat\$3 with weight\$3 and symbol adj pattern with generat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 17:48
S68	6	(375/229-236).CCLS. and train\$3 adj (sequence or signal) with equaliz\$5 and error and updat\$3 with weight\$3 and pattern with generat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 17:48
S69	0	(375/229-236).CCLS. and train\$3 adj (sequence or signal) with equaliz\$5 and error and updat\$3 with weight\$3 and symbol adj5 pattern with generat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 17:48
S70	0	(375/229-236).CCLS. and train\$3 adj (sequence or signal) with equaliz\$5 and error and updat\$3 with weight\$3 and symbol with pattern with generat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 17:49
S71	0	(375/229-236).CCLS. and train\$3 adj (sequence or signal) with equaliz\$5 and error and updat\$3 with weight\$3 and symbol near6 pattern with generat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 17:49
S72	1	(375/229-236).CCLS. and train\$3 adj (sequence or signal) with equaliz\$5 and error and updat\$3 with weight\$3 and symbol same pattern with generat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 17:50
S73	0	(375/229-236).CCLS. and train\$3 adj (sequence or signal) with equaliz\$5 and error and updat\$3 with weight\$3 and pattern with generat\$3 with symbol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 17:49

S74	18	(375/229-236).CCLS. and symbol adj pattern	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 17:50
S75	15	(375/229-236).CCLS. and symbol adj pattern and equaliz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 17:51
S76	4	(375/229-236).CCLS. and symbol adj pattern with generat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/19 17:51
S77	24	train\$3 adj (sequence or signal) and equaliz\$3 with (Interval\$3 or period\$3) with (weight\$3)	USPAT	OR	OFF	2005/05/20 10:49
S78	14	train\$3 adj (sequence or signal) and equaliz\$3 with (Interval\$3 or period\$3) with (weight\$3) and (error) with (calculat\$3 or measur\$3 or estimat\$3) and error with (updat\$3)	USPAT	OR	OFF	2005/05/20 10:50

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	26	((("20040172581") or ("20040022249") or ("20030100277") or ("20020172272") or ("20040179634") or ("20040049381") or ("6542405") or ("6888393") or ("6317371") or ("6694460") or ("6701471") or ("6662002") or ("6199187") or ("4711990") or ("6236601") or ("6223311") or ("6031758") or ("5978941") or ("5732208") or ("6790751") or ("6486995") or ("6344930") or ("6188526") or ("5959875") or ("4829029") or ("4803345"))).PH.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 19:48
S1	0	(equaliz\$7) and symbol adj pattern adj generation	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/29 18:41
S2	7	(equaliz\$7) and symbol adj pattern adj generat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/29 18:57
S3	5	((("6377620") or ("6404760") or ("6437832") or ("6497666") or ("6505032"))).PH.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/29 18:46
S4	0	symbol adj pattern and S3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/29 18:46
S5	0	symbol adj tim\$4 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/29 18:46
S6	0	symbol near\$4 (tim\$4 or pattern) and S3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/29 18:47
S7	0	symbol with (tim\$4 or pattern) and S3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/29 18:47
S8	26	(equaliz\$7) and symbol adj pattern with generat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/29 18:57

Search History 5/31/2005 8:04:27 PM Page 1  
C:\Documents and Settings\Wong\My Documents\EA\Workspaces\10026614\_2.wsp

S9	17	(equaliz\$7) and symbol adj pattern near\$5 generat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/29 18:57
S10	247	equaliz\$7 and (error adj power or least adj mean adj square adj error or recursive adj least adj sums)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 07:47
S11	21	equaliz\$7 and (error adj power or least adj mean adj square adj error or recursive adj least adj sums) with weight\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 07:48
S12	1	equaliz\$7 and (error adj power or least adj mean adj square adj error or recursive adj least adj sums) with weight\$3 and (plurality or multiple) with (quadrature)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 07:49
S13	0	equaliz\$7 and (error adj power or least adj mean adj square adj error or recursive adj least adj sums) with weight\$3 and (plurality or multiple) with (quadrature) with (demodulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 07:49
S14	1	equaliz\$7 and (error adj power or least adj mean adj square adj error or recursive adj least adj sums) with weight\$3 and (plurality or multiple) with (QAM) with (demodulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 07:50
S15	1	equaliz\$7 and (error adj power or least adj mean adj square adj error or recursive adj least adj sums) with weight\$3 and (plurality or multiple) with (demodulat\$3) same (QAM)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 07:51
S16	2	equaliz\$7 and (error adj power or least adj mean adj square adj error or recursive adj least adj sums) with weight\$3 and (plurality or multiple) with (demodulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 07:51
S17	2	equaliz\$7 and (error adj power or least adj mean adj square adj error or recursive adj least adj sums) with weight\$3 and (plurality or multiple) with (demodulat\$3) and (quadrature or QAM)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 07:51
S18	2	equaliz\$7 and (error adj power or least adj mean adj square adj error or recursive adj least adj sums) with weight\$3 and (plurality or multiple) with (demodulat\$3) and (quadrature or M adj1 array)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 07:54

Search History 5/31/2005 8:04:27 PM Page 2  
C:\Documents and Settings\Wong\My Documents\EA\Workspaces\10026614\_2.wsp

S19	0	equaliz\$7 and (error adj power or least adj mean adj square adj error or recursive adj least adj sums) with weight\$3 and (plurality or multiple) with (demodulat\$3) same (quadrature or M adj1 array)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 07:52
S20	261	equaliz\$7 and (plurality or multiple) with (antenna\$3) and (plurality or multiple) with (demodulat\$3) and (quadrature or M adj1 array)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 07:54
S21	16	equaliz\$7 and (plurality or multiple) with (antenna\$3) and (plurality or multiple) with (demodulat\$3) with (quadrature or M adj1 array)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 07:57
S22	2	equaliz\$7 and (plurality or multiple) with (antenna\$3) with (plurality or multiple) with (demodulat\$3) with (quadrature or M adj1 array)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 07:59
S23	0	equaliz\$7 and (plurality or multiple) with (antenna\$3) with (correspond\$3 or associat\$4) with (demodulat\$3) with (quadrature or M adj1 array)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 08:00
S24	1	equaliz\$7 and (antenna\$3) with (correspond\$3 or associat\$4) with (demodulat\$3) with (quadrature or M adj1 array)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 08:01
S25	0	equaliz\$7 and (plurality or multiple) with (antenna\$3) same (correspond\$3 or associat\$4) with (demodulat\$3) with (quadrature or M adj1 array)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 08:01
S26	26	equaliz\$7 and (plurality or multiple) with (antenna\$3) same (correspond\$3 or associat\$4) with (demodulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 08:01
S27	15	equaliz\$7 and (plurality or multiple) with (antenna\$3) with (correspond\$3 or associat\$4) with (demodulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 08:16
S28	2	pilot adj symbol and (plurality or multiple) with (antenna\$3) with (correspond\$3 or associat\$4) with (demodulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 08:16
S29	1	pilot adj symbol and (plurality or multiple) with (antenna\$3) with detect\$3 with symbol with quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 08:16

Search History 5/31/2005 8:04:27 PM Page 3  
C:\Documents and Settings\Wong\My Documents\EA\Workspaces\10026614\_2.wsp

S30	2	pilot adj symbol and (plurality or multiple) with (antenna\$3) with detect\$3 with symbol and quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 08:19
S31	17	(plurality or multiple) with (antenna\$3) with detect\$3 with symbol and quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 08:19
S32	2	(plurality or multiple) with (antenna\$3) with detect\$3 with symbol with quadrature	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 08:19
S33	2192	(plurality or multiple) with (equaliz\$5) same (select\$3 or choos\$3 or multiplexor\$3 or mux\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 09:00
S34	1279	(plurality or multiple) with (equaliz\$5) with (plurality or multiple) with (select\$3 or choos\$3 or multiplexor\$3 or mux\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 09:00
S35	17	(plurality or multiple) with (equaliz\$5) with (plurality or multiple) with (select\$3 or choos\$3 or multiplexor\$3 or mux\$3) and data adj decision	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 09:26
S36	21	symbol adj (synchroniz\$5 or tim\$4) with weight\$4 with equaliz\$7	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 09:35
S37	1	symbol adj (synchroniz\$5 or tim\$4) with (without or no) with weight\$4 near\$3 updat\$4 with equaliz\$7	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 09:37
S38	1	symbol adj (synchroniz\$5 or tim\$4) same (without or no) with weight\$4 near\$3 updat\$4 with equaliz\$7	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 09:43
S39	16	equaliz\$5 and (updat\$3 or adaptive) near\$4 weight\$4 with symbol adj (tim\$4 or synchroniz\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 09:55
S40	1	equaliz\$5 and (updat\$3 or adaptive) near\$4 weight\$4 with symbol adj (synchroniz\$6) adj (position or tim\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 09:56
S41	1	equaliz\$5 and (updat\$3 or adaptive) near\$4 weight\$4 same symbol adj (synchroniz\$6) adj (position or tim\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 09:57

Search History 5/31/2005 8:04:27 PM Page 4  
C:\Documents and Settings\Wong\My Documents\EA\Workspaces\10026614\_2.wsp

S42	1	equaliz\$5 and (updat\$3 or adaptive) near\$ weight\$4 with symbol adj (synchroniz\$6) near\$4 (position or tim\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 09:57
S43	3	equaliz\$5 and (updat\$3 or adaptive) near\$ weight\$4 with symbol adj (synchroniz\$6) with (position or tim\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 09:59
S44	4	equaliz\$5 and (updat\$3 or adaptive) near\$ weight\$4 with symbol with (synchroniz\$6) with (position or tim\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 10:00
S45	5	equaliz\$5 and weight\$4 with symbol adj (synchroniz\$6) with (position or tim\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 11:30
S46	23	shift adj register\$2 with sample\$4 and clock adj data adj recovery	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 11:35
S47	0	shift adj register\$2 with (sample\$4 adj (circuit or unit)) and clock adj data adj recovery	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 11:35
S48	0	shift adj register\$2 with (sample\$4 adj (circuit or unit or means)) and clock adj data adj recovery	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 11:36
S49	6	shift adj register\$2 with (sample\$4 adj (circuit or unit or means) or data adj sampl\$5) and clock adj data adj recovery	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 11:37
S50	6	shift adj register\$2 with (sample\$4 adj (circuit or unit or means) or data adj sampl\$5 of FFT or analog adj1 digital adj converter ) and clock adj data adj recovery	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 15:27
S51	2	equaliz\$7 and symbol with synchroniz\$7 adj (position or tim\$4) with weight\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 16:09
S52	76	equaliz\$7 and symbol adj tim\$3 with weight\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 16:09
S53	98	equaliz\$7 and (symbol or frame) adj (tim\$3 or synchroniz\$4) with weight\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 16:10

S54	15	equaliz\$7 and (symbol or frame) adj (tim\$3 or synchroniz\$4) with (updat\$3 or adaptive) near\$4 weight\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 16:23
S55	17	equaliz\$7 and (symbol or frame) adj2 (tim\$3 or synchroniz\$4) with (updat\$3 or adaptive) near\$4 weight\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 16:23

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	(equaliz\$7) and symbol adj pattern adj generation	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/29 18:41
S2	7	(equaliz\$7) and symbol adj pattern adj generat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/29 18:57
S3	5	((("6377620") or ("6404760") or ("6437832") or ("6497866") or ("6505032"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/29 18:46
S4	0	symbol adj pattern and S3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/29 18:46
S5	0	symbol adj tim\$4 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/29 18:46
S6	0	symbol near4 (tim\$4 or pattern) and S3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/29 18:47
S7	0	symbol with (tim\$4 or pattern) and S3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/29 18:47
S8	26	(equaliz\$7) and symbol adj pattern with generat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/29 18:57
S9	17	(equaliz\$7) and symbol adj pattern near5 generat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/29 18:57